
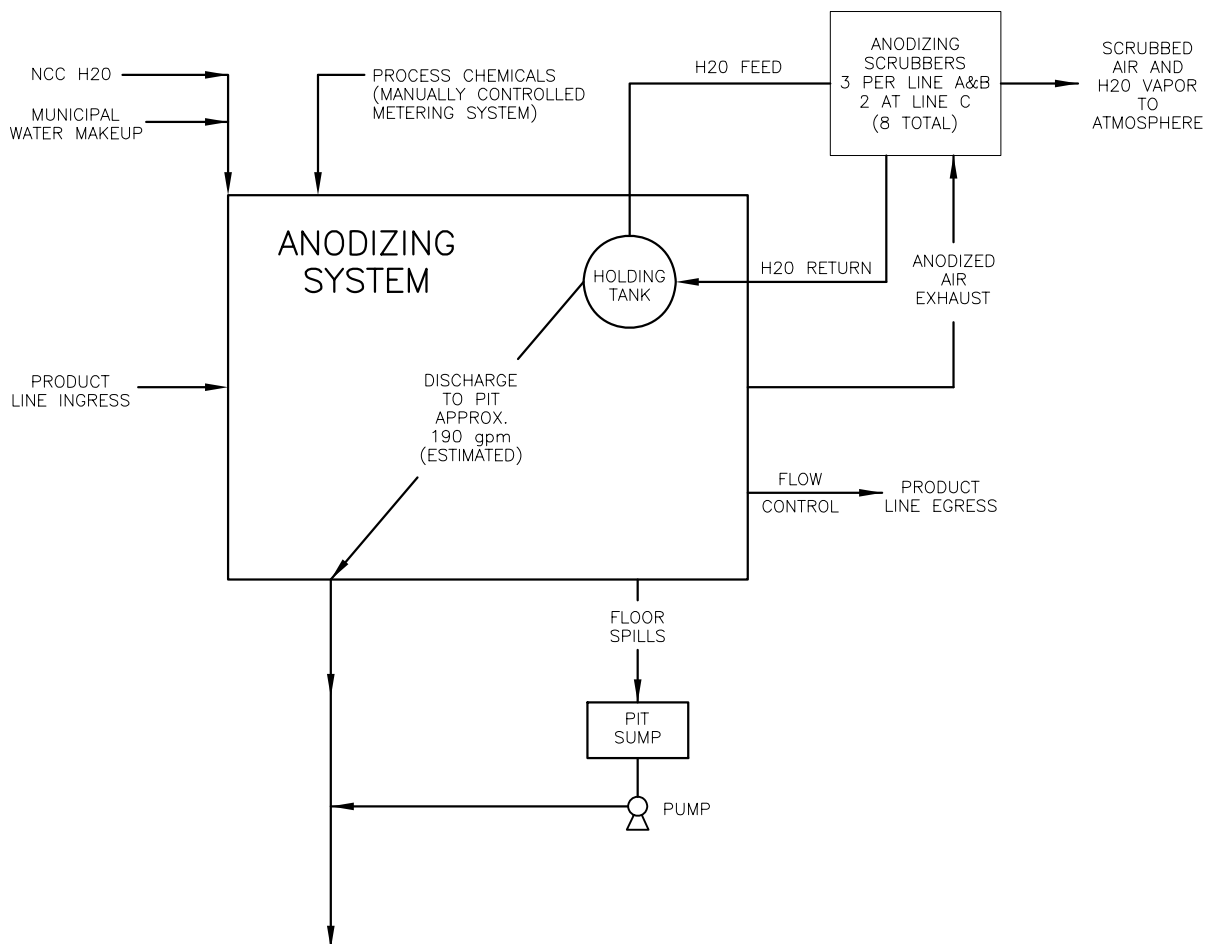


JOB NO. 33352		DATE	
FIGURE NO. 1		BY	
LIGHTOLIER		OPERATOR: DL	
FALL RIVER, MASSACHUSETTS		DATE: DEC 2007	
OVERALL INDUSTRIAL WASTEWATER FLOW		PROJ MGR: IR DESIGNED BY: ALH REVIEWED BY: PPV	
		 (401) 421-4140 (401) 751-8613	
		GZA GeoEnvironmental, Inc. Engineers and Scientists 140 BROADWAY PROVIDENCE, RI 02903	

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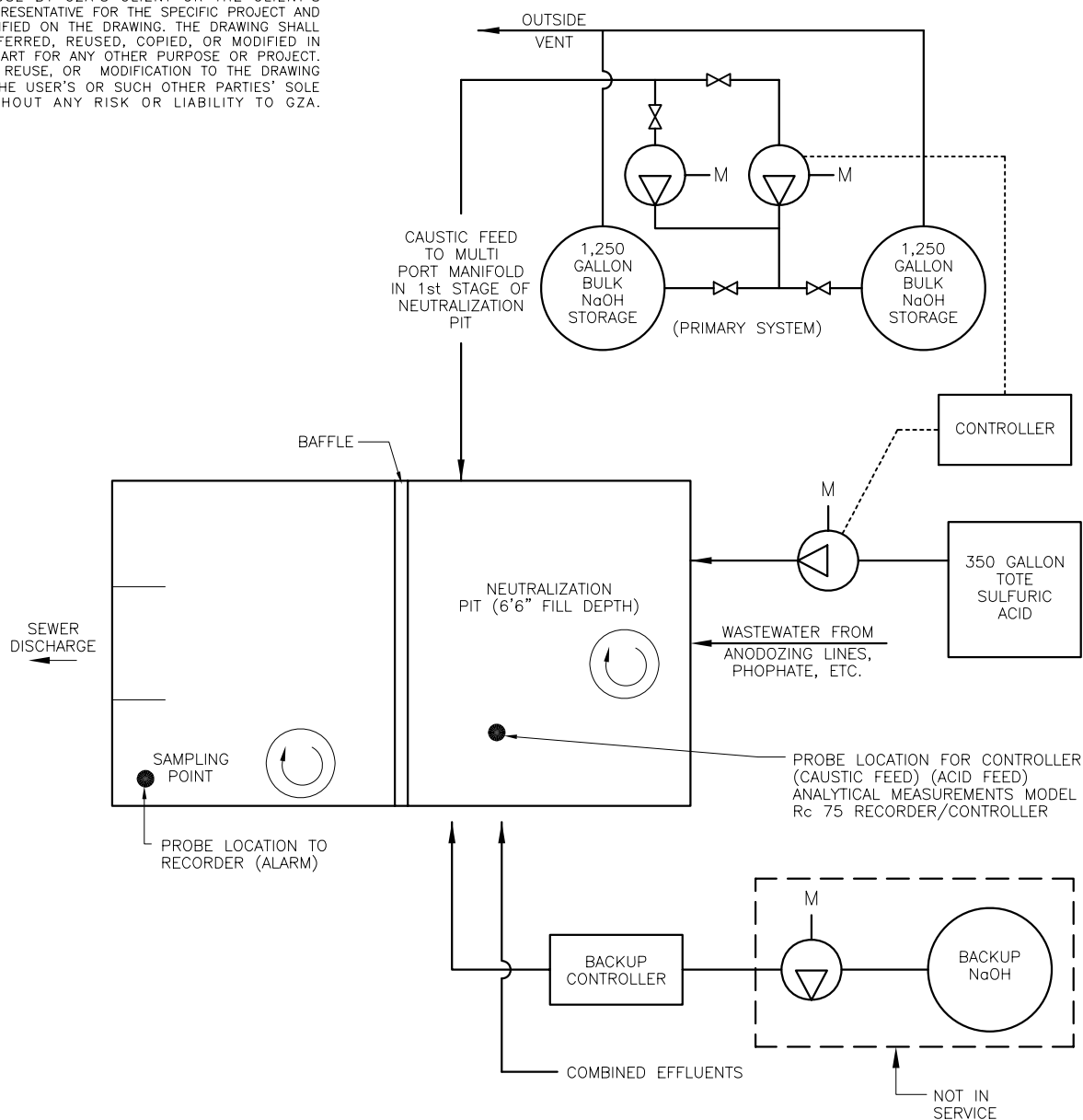
PROJ MGR: IR
DESIGNED BY: ALH
REVIEWED BY: PPV
OPERATOR: BAW/DL
DATE: DEC 2007

LIGHTOLIER
FALL RIVER, MASSACHUSETTS
ANODIZING OPERATION
FLOW DIAGRAM

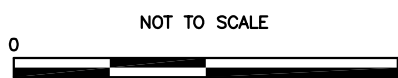
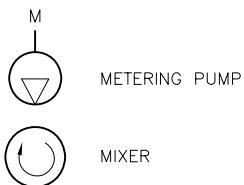
JOB NO.
33352.00

FIGURE NO.
2

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LEGEND:



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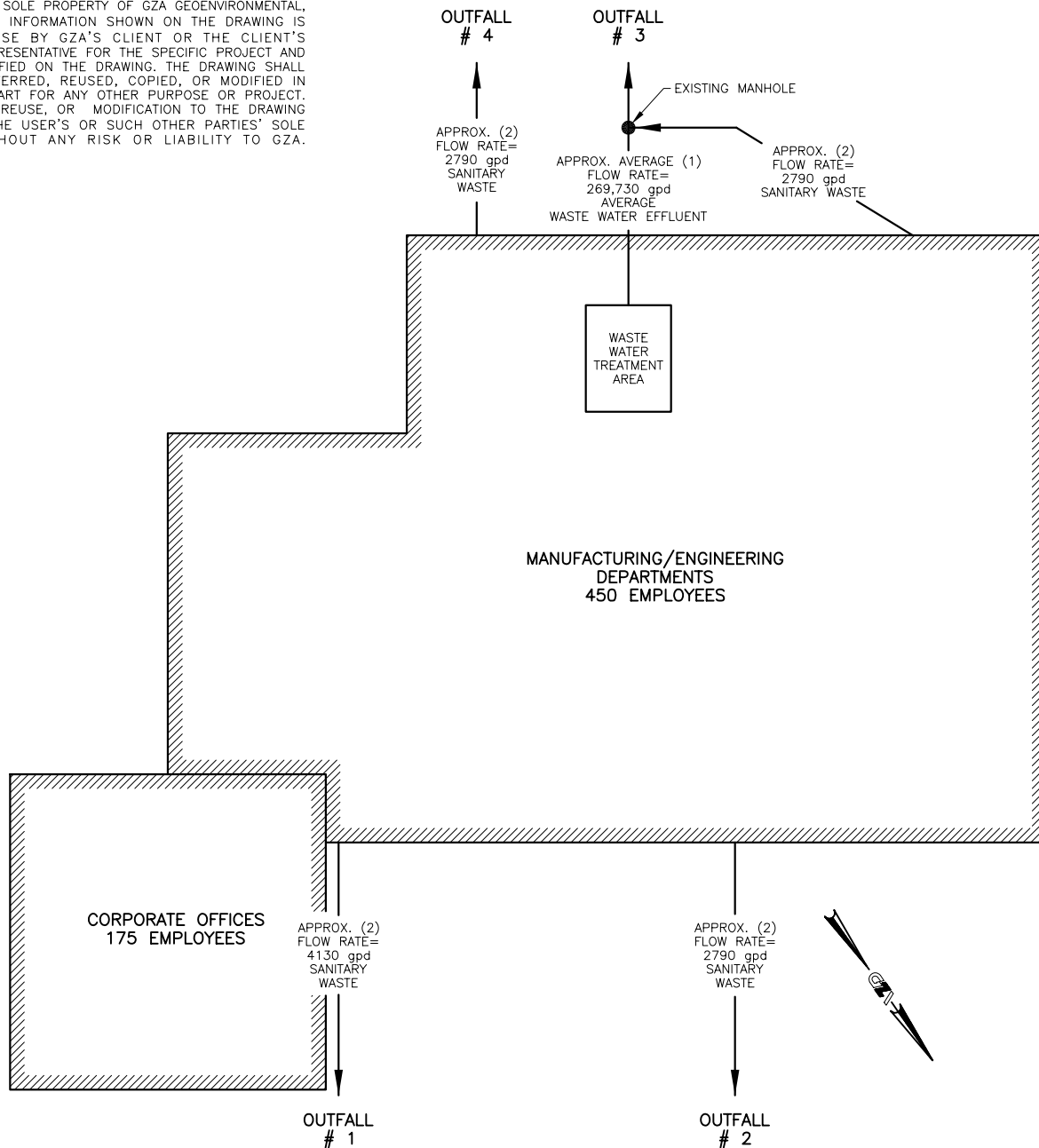
PROJ MGR: IR
DESIGNED BY: ALH
REVIEWED BY: PPV
OPERATOR: BAW/DL
DATE: DEC 2007

LIGHTOLIER
FALL RIVER, MASSACHUSETTS
NEUTRALIZATION SYSTEM

JOB NO.
33352.00

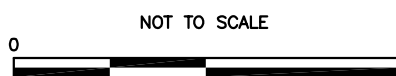
FIGURE NO.
3

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NOTES:

1. FLOW RATES ARE BASED ON THE DAILY AVERAGE RAW WATER CONSUMPTION FOR THE PERIOD MAY–OCTOBER 2007.
2. SANITARY FLOW RATES WERE DETERMINED ASSUMING EACH EMPLOYEE GENERATES 20 gpd OF WASTE WATER AND OUTFALL #1 RECEIVED 33%, OUTFALL 2, 3, & 4 EACH RECEIVE 22% OF THE SANITARY WASTE STREAM. SANITARY FLOW DIRECTION WAS PROVIDED BY LIGHTOLIER.
3. AVERAGE WASTE WATER DISCHARGE TO THE MUNICIPAL SEWER SYSTEM IS APPROXIMATELY 282,230 gpd.



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PROJ MGR: IR
DESIGNED BY: ALH
REVIEWED BY: PPV
OPERATOR: BAW/DL
DATE: DEC 2007

LIGHTOLIER
FALL RIVER, MASSACHUSETTS
**SEWER OUTFALL
LOCATIONS**

JOB NO.
33352.00

FIGURE NO.
4